PATENT APPLICATION

ATTORNEY DOCKET NO.   10006286-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

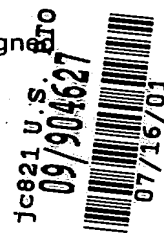Inventor(s):   Ullas Gargi et al.

Application No.: Unassigned

Filing Date: July 16, 2001

Title: Hierarchical Image Feature-Based Visualization

Confirmation No.:

Examiner: Unassigned

Group Art Unit:

COMMISSIONER FOR PATENTS
Washington, D.C.   20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X)   under 37 CFR 1.97(b), or
    (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

( )   under 37 CFR 1.97(c) together with either a:
    ( )   Statement under 37 CFR 1.97(e), or
    ( )   a $180.00 fee under 37 CFR 1.17(p), or
    (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs

( )   under 37 CFR 1.97 (d) together with a:
    ( )   Statement under 37 CFR 1.97(e), and
    ( )   a petition under 37 CFR 1.97(d)(2), and
    ( )   a $180.00 petition fee set forth in 37 CFR 1.17(i).
    (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of $0.00   . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X)   Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( )   A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no.

Date of Deposit

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By_____

Typed Name:

Respectfully submitted,

Ullas Gargi et al.

By_____

Patrick C. Keane

Attorney/Agent for Applicant(s)
Reg. No.   32,858

Date: **July 16, 2001**

Rev 06/01 (IDSXML)

Telephone No.: (703) 838-6522

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
10006286-1		
APPLICANT		
Ullas Gargi et al.		
FILING DATE	GROUP	
July 16, 2001		

REFERENCE DESIGNATION   U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A					
	1B					
	1C					
	1D					
	1E					
	1F					
	1G					
	1H					
	1I					
	1J					
	1K					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Greg Pass, "Histogram Refinement for Content-Based Image Retrieval," Computer Science Department, Cornell University, Ithaca, NY 14853, gregpass,redz@cs.cornell.edu, http://www.cs.cornell.edu/home/rdz/refinement.html.
	1R	Jing Huang, et al., "Image Indexing Using Color Correlograms," Cornell University, Ithaca, NY 14853.
	1S	Hideyuki Tamura, et al., "Textural Features Corresponding to Visual Perception," 1978 IEEE, pp. 460-472.

EXAMINER	DATE CONSIDERED
Fred Ehichioya	7/26/03

Rev 06/01 (PTO1449)

FORM PTO-1449	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	10006286-1		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT		
	Ullas Gargi et al.		
(Use several sheets if necessary)	FILING DATE	GROUP	
	July 16, 2001		

REFERENCE DESIGNATION   U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	2A					
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							YES	NO
	2L							
	2M							
	2N							
	2O							
	2P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

ƒ�	2Q	Raouf F.H. Farag et al., "Quantitative Evaluation of Computer Regenerated Images and Their Use in Storage-Restricted Environments," 1978 IEEE, pp. 473.
F2	2R	Christos Faloutsos, et al., "Fast Map: A Fast Algorithm for Indexing, Data-Mining and Visualization of Traditional and Multimedia Datasets," pp. 1-25.
F2	2S	Jianchang Mao et al., "Texture Classification and Segmentation UsingMultiresolution Simultaneous Autoregressive Models," Pattern Recognition, Vol. 25, No. 2, pp. 173-188, 1992.

EXAMINER	DATE CONSIDERED
Fred Chichap	7/26/03

Rev 06/01 (PTO1449)

FORM PTO-1449	ATTY. DOCKET NO. 10006286-1	APPLICATION NO.	CONFIRMATION NO.
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(Use several sheets if necessary)	FILING DATE July 16, 2001	GROUP	

REFERENCE DESIGNATION   U.S. PATENT DOCUMENTS

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	3A					
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	3L							
	3M							
	3N							
	3O							
	3P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	Yossi Rubner, "Perceptual Metrics for Image Database Navigation," Computer Science Department of Stanford University, pp. 1-161.
	3R	W. Niblack et al., "The QBIC Project: Querying Images By Content Using Color, Texture, and Shape," IBM Research Division, Almaden Research Center, SPIE Vol. 1908 (1993) pp. 173-187.
	3S	Michael J. Swain, "Color Indexing," International Journal of Computer Vision, 7.1, 11-32 (1991), pp. 11-32.

EXAMINER	DATE CONSIDERED